

REPORT OF OPERATIONS—PIPELINE, DIPPER OR BUCKET DREDGES										REPORTS CONTROL SYMBOL ENG CW-0-13	
THRU:			TO:			FROM:			REPORT NO.		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> DAILY <input type="checkbox"/> STATUS <input type="checkbox"/> COMPLETION <input type="checkbox"/> ANNUAL							DATE OR PERIOD		
DREDGE		NAME AND TYPE			SIZE		PIPELINE		DIPPER OR BUCKET		
		HORSEPOWER OF		DREDGE PUMP		SUCTION PIPE JET		CUTTER OR BUCKET		PROPULSION	
		NUMBER OF CREW MEMBERS		DREDGE		SHORE		OTHER PLANT		TOTAL	
								WORK SCHEDULE		SHIFTS PER DAY	
										DAYS PER WEEK	
PROJECT AND BAR		NAME			AUTH DIMENSIONS		WIDTH		DEPTH		
		LOCATION (include station numbers)									
CHARACTER OF MATERIAL		ABSOLUTE DENSITY			IN PLACE DENSITY			VOIDS RATIO			
		GRAIN SIZE						GEOLOGICAL CLASSIFICATION			
CONTRACT OR DREDGING ORDER		NUMBER			<input type="checkbox"/> CONTRACTOR <input type="checkbox"/> HIRED LABOR			TOTAL NO. OF DAYS ON WHICH WORK WAS DONE			
CHANNEL CONDITION		AVERAGE DEPTH		BEFORE DREDGING		AFTER DREDGING		MINIMUM SOUNDING		BEFORE DREDGING	
										AFTER DREDGING	
RIVER STAGE		MINIMUM		TIME		MAXIMUM		TIME		GAGE LOCATION	
WEATHER CONDITION		(clear, cloudy, rain, snow, and fog)					VISIBILITY		WIND (maximum velocity & direction)		
							miles				
WORK PERFORMED						DISTRIBUTION OF TIME					
ITEM			UNIT	QUANTITY		EFFECTIVE WORKING TIME (chargeable to cost of work)				HOURS MIN.	
AVERAGE WIDTH OF CUT			FEET			PUMPING OR DREDGING					
TOTAL ADVANCE THIS PERIOD			FEET			PCT. OF EFFECTIVE RENTAL TIME				%	
TOTAL ADV. PREVIOUS TO THIS PERIOD			FEET			BOOSTER (in line)				Hrs. Min.	
TOTAL ADVANCE TO DATE			FEET			NON-EFFECTIVE WORKING TIME (chargeable to cost of work)					
FLOATING PIPE:						HANDLING PIPE LINES					
TOTAL LENGTH OF DISCHARGE PIPE			FEET			HANDLING ANCHOR LINES					
AVERAGE LIFT			FEET			CLEARING PUMP AND PIPE LINE					
AVERAGE PUMP SPEED			R.P.M.			CLEARING CUTTER OR SUCTION HEAD					
AVG. DREDGED PER PUMP. HR, GROSS			CU.YDS.			WAITING FOR SCOWS					
SCOWS LOADED			NUMBER			TO AND FROM WHARF OR ANCHORAGE					
AVERAGE LOAD PER SCOW			CU.YDS.			CHANGING LOCATION OF PLANT ON JOB					
CUBIC YARDS REMOVED						LOSS DUE TO OPPOSING NATURAL ELEMENTS					
AMOUNT DREDGED THIS PERIOD:						LOSS DUE TO PASSING VESSELS					
(1) GROSS (computed amount)						SHORE LINE AND SHORE WORK					
(2) CREDITED (pay place)						WAITING FOR BOOSTER					
AMOUNT PREVIOUSLY REPORTED:						MINOR OPER. REPAIRS (explain in remarks)					
(1) GROSS (computed amount)						WAITING FOR ATTENDANT PLANT					
(2) CREDITED (pay place)						PREPARATION AND MAKING UP TOW					
TOTAL AMOUNT DREDGED TO DATE:						TRANSFERRING PLANT BETWEEN WORKS					
(1) GROSS (computed amount)						LAY TIME OFF SHIFT AND SATURDAYS					
(2) CREDITED (pay place)						SUNDAYS AND HOLIDAYS					
ATTENDANT PLANT						FIRE DRILL					
ITEM			NAME OR NUMBER		HOURS	MISCELLANEOUS (explain in remarks)					
						TOTAL NON-EFFECTIVE WORKING TIME					
						PCT. OF NON-EFFECTIVE RENTAL TIME				%	
						TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (chargeable to cost of work)					
						PCT. OF TOTAL TIME IN PERIOD				%	
						LOST TIME (not chargeable to cost of work)					
						MAJOR REPAIRS AND ALTERATIONS					
						CESSATION					
						COLLISIONS					
						MISCELLANEOUS (explain in remarks)					
NUMBER OF INSPECTIONS		BY DISTRICT PERSONNEL		BY DIV & OCE PERSONNEL		TOTAL LOST TIME					
						PERCENTAGE OF TOTAL TIME				%	
CONTRACT USE ONLY		HAS ANYTHING DEVELOPED WHICH MIGHT LEAD TO A CHANGE ORDER OR CLAIM? <input type="checkbox"/> NO <input type="checkbox"/> YES (If "YES", explain under remarks on back)				TOTAL TIME IN PERIOD					

ENG FORM
JAN 70

4267

REPLACES ENG FORM 28 (Coast), 1 MAR 53, AND ENG FORM 29 (Coast),
1 JAN 62, WHICH ARE OBSOLETE. (ER 1125-2-304)

(Signature and Remarks
required on reverse side.)

02325-A1

SUMMARY OF COSTS

ITEMS					COST	
DIRECT PLANT OPERATING COSTS						
UNIFORM DAILY RATE BASIS (To be completed when submitting Status and Completion reports.)						
CHARGES: _____ DAYS AT \$ _____ PER DAY (Item 19, ENG Form 22 (Costs)—adjusted to exclude plant increment cost.)						
► OR ◄						
ACTUAL PLANT COSTS (To be completed when submitting Annual report.)						
PAYROLLS (gross).....					\$	
SUBSISTENCE & QUARTERS OR PER DIEM & MILEAGE.....					\$	
FUEL _____ BARRELS AT \$ _____ PER BARREL.....					\$	
WATER.....					\$	
LUBRICANTS.....					\$	
PLANT OWNERSHIP COSTS (as computed below).....					\$	
INSURANCE.....					\$	
ATTENDANT PLANT.....					\$	
MISCELLANEOUS.....					\$	
SUBTOTAL—UNIFORM DAILY RATE OR ACTUAL COSTS.....					\$	
SUBTOTAL—PLANT UNIT COST \$ _____ PER CUBIC YARD.						
SHORE WORK						
SUBTOTAL—SHORE WORK COSTS.....					\$	
SUBTOTAL—SHORE WORK UNIT COSTS \$ _____ PER CUBIC YARD.						
OTHER COSTS						
SURVEYS.....					\$	
INSPECTION AND SUPERVISION.....					\$	
OVERHEAD.....					\$	
OTHER INDIRECT COSTS.....					\$	
SUBTOTAL—OTHER COSTS.....					\$	
SUBTOTAL—OTHER UNIT COST \$ _____ PER CUBIC YARD.						
GRAND TOTAL—ALL COSTS.....					\$	
GRAND TOTAL—ALL UNIT COSTS \$ _____ PER CUBIC YARD.						
OPERATING SUPPLIES					ANNUAL REPORT DATA (complete when submitting Annual report)	
COMMODITIES	CONSUMED		INVENTORY		COST PER RENTAL MINUTE (Based on total operating cost).....	per min.
	UNIT	QUANTITY	QUANTITY	VALUE		
FUEL (oil)	BOLS				TOTAL COST OF PLANT (End of F.Y. reporting period).....	\$
LUBRICANT (oil)	GAL				BOOK VALUE (End of F.Y. reporting period).....	\$
LUBRICANT (grease)	LBS				BALANCE IN PLANT ACCOUNT (End of F.Y. reporting period).....	\$
WATER	GAL				PLANT OWNERSHIP COSTS (Actual for F.Y. reporting period):	
					DEPRECIATION.....	\$
					REPAIRS (Adjusted).....	\$
					CESSATION OF WORK.....	\$
					SMALL TOOLS, ETC.....	\$
SUBSISTENCE SUPPLIES.....						
MISCELLANEOUS SUPPLIES.....						
TOTAL.....				\$	TOTAL.....	\$
REMARKS						
SUBMITTED BY (Name, title, and signature)			RECOMMENDED BY (Name, title, and signature)		APPROVED BY (Name, title, and signature)	

DAILY REPORT OF OPERATIONS—HOPPER DREDGES

REPORTS CONTROL SYMBOL
ENG-CWO-13

DISTRICT		DREDGE	
EXACT LOCATION OF WORK		<input type="checkbox"/> MAINTENANCE	DATE
		<input type="checkbox"/> NEW WORK	NUMBER OF PERSONS IN CREW
AV. LENGTH OF CUT	FT.	CHARACTER OF MATERIAL	HOPPER CAPACITY
AV. WIDTH OF CUT	FT.	DENSITY OF MAT. IN PLACE	CU. YDS.
AV. DIST. TO DUMP	MILES	DENSITY OF WATER	CU. YDS.
		GMS/LITER AT °F	AV. UNFILLED CAPACITY
			CU. YDS.

NAVIGATION AND OTHER DREDGING AIDS (Describe and include statement on adequacy and recommendations)

WORK PERFORMED				DRAFT FOR LOAD NO. (for one load only)		
DREDGING AND HAULING			AGITATING	FORWARD	LIGHT	LOADED
NO. OF LOADS	TOT. CU. YDS.	DISPOSAL AREA	TOT. CU. YDS.	AFT		
				DRAG DEPTH	MAX.	MIN.
				INDICATORS LAST CHECKED ON		
				GAS EJECTORS USED % OF PUMPING TIME		

DISTRIBUTION OF TIME AND MILES RUN

EFFECTIVE WORKING TIME	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
PUMPING			
TURNING			
TO DUMP			
DUMPING			
TO CUT			
TOTALS			
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES			
TO AND FROM WHARF OR ANCHORAGE			
LOSS DUE TO NATURAL ELEMENTS			
LOSS DUE TO TRAFFIC AND BRIDGES			
MINOR OPERATING REPAIRS			
TRANSFERRING BETWEEN WORKS			
LAY TIME			
FIRE AND BOAT DRILLS			
MISCELLANEOUS			
TOTALS			
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS			
CESSATION			
COLLISIONS			
TOTAL LOST TIME			
TOTAL TIME IN PERIOD			

AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	
LOADING	FEET/MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF	
AGITATING		WEATHER	
GALS. OF FUEL OIL CONSUMED		NUMBER OF INSPECTIONS BY SUPERVISORY PERSONNEL	
GALS. OF WATER CONSUMED		FIELD	OFFICE

REMARKS

SUBMITTED BY

(SEE REVERSE SIDE)

[illegible]